V. *A Relation of the Effects of a Storm of Thunder and Lightning at* Sampford-Courtney *in* Devonſhire, *on* October *the 7th* 1711. *Communicated by* John Chamberlayne *Eſq; F. R. S.*

IN the Pariſh of *Sampford-Courtney* near *Oakhampton* in *Devon*, on the 7th of *October*, about 3 or 4 a Clock in the Afternoon, there was a great darkneſs as the Miniſter was Catechiſing the Children, that he could hardly ſee with Spectacles: And as ſoon as Prayers were over, ſome young Men went to ringing, as commonly they uſed to do; and there were ſeveral People in the Church Porch talking; and of a ſudden, a great Fire-Ball fell in between them, and threw ſome one way, ſome another; but no one was hurted. The Ringers ſaid, they never knew the Bells go ſo heavy in all their lives, and were forced to leave off: And being very weary, and looking out of the Belfrey into the Church, ſaw 4 Fire-Balls more, a little bigger than a Man's Fiſt, which of a ſudden broke to pieces; ſo that the Church was full of Fire and Smoak.

John Goodman's Man received a full Blow in the Neck, which cauſed him to bleed both at Noſe and Mouth; but is very well now. He ſays, that the Fire and Smoak went up into the Tower, which broke a great Beam which one of the Bells hung on, and the Gudging breaking, the Bell fell on the Floor. It likewiſe carried away one of the Pinacles of the Tower next the Town, and threw ſome of the Stones near a Barn Door at a pretty diſtance from the Church, and hath done ſome Damage to the Barn at one end. The Chimney of the Houſe

was

was removed in ſuch a manner by the Thunder and Lightning, that all People did admire it ſtood, and not fall upon the Houſe. And tho' the People ran up and down in a great Conſternation at the dreadful Thunder and Lightning, yet no body was hurt.

This Relation comes from the Miniſter who then officiated.

VI. *Some Microſcopical Obſervations upon Muſcles, and the manner of their Production. In a Letter from Mr.* Anthony van Leeuwenhoek, *F. R. S.*

Delft, June *the* 10*th* 1712. *N. S.*

I Have obſerv'd a great many Years ago, that the Shell Fiſh call'd Muſcles, lay their Eggs upon the outſide of their Shells; and that ſo regularly one by an other, that they may be compared to a String or Band. Theſe Eggs, or imperfect Muſcles lying upon the Shells, do continually increaſe in Strength, till at laſt they come to be perfect Muſcles; but then you may ſee remaining upon the Shells a part of the Egg-ſhell, which ſticks faſt to the ſaid Shell, till the Skin or Membrane, wherewith the Muſcles are encompaſſed, is changed.

In the Month of *Auguſt* 1710. I procured ſome Muſcles, and diſſected them according to the beſt of my Power; and found within the Shells on both ſides of the Muſcle, againſt the Parts of the Fiſh, very thin and weak Membranes; which I have taken often out of the Muſcles, and placing them before a Microſcope I have ſeen ſuch a vaſt Number of Motions in the ſaid Membranes, that it is not to be deſcribed either by Pen or Words; and I ſhow'd the ſame likewiſe to other Perſons: And